

Supplemental Materials for Stereoscopic Image Stitching with Rectangular Boundaries

Submitted to The Visual Computer, Computer Graphics International (CGI 2019)

This supplemental file gives the detailed stereoscopic stitching results, which include the input source 2D images, and the output (result image pair and the corresponding red & cyan anaglyphs).



Figure 1: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).



Figure 2: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with content-aware rectangular boundary (left, right and anaglyph views).



Figure 3: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).

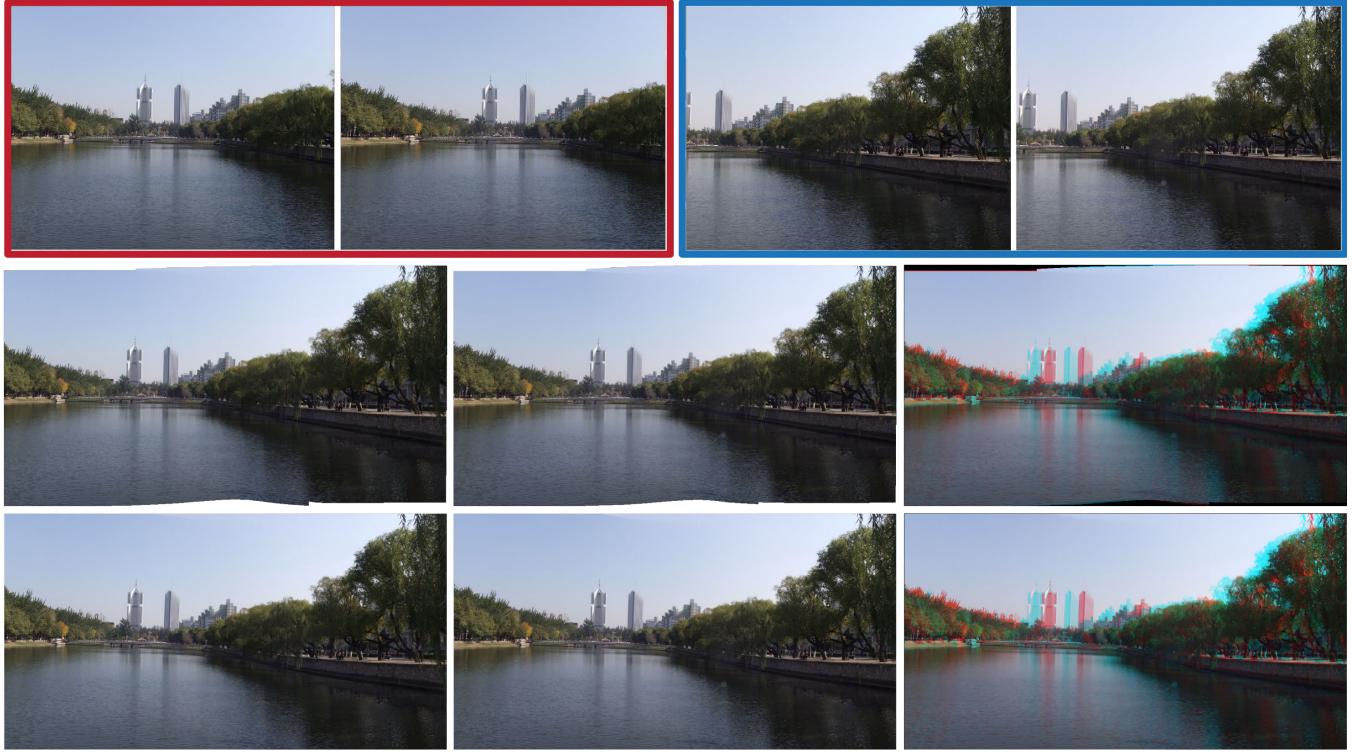


Figure 4: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).

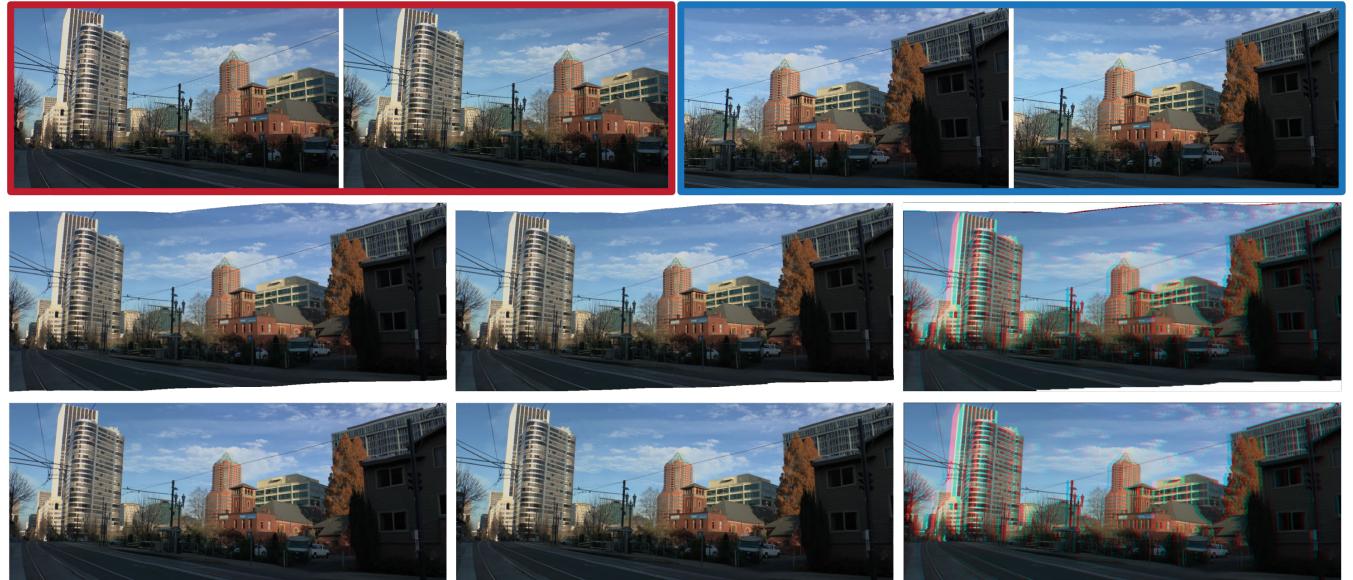


Figure 5: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).



Figure 6: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary and straight line constraint (left, right and anaglyph views).

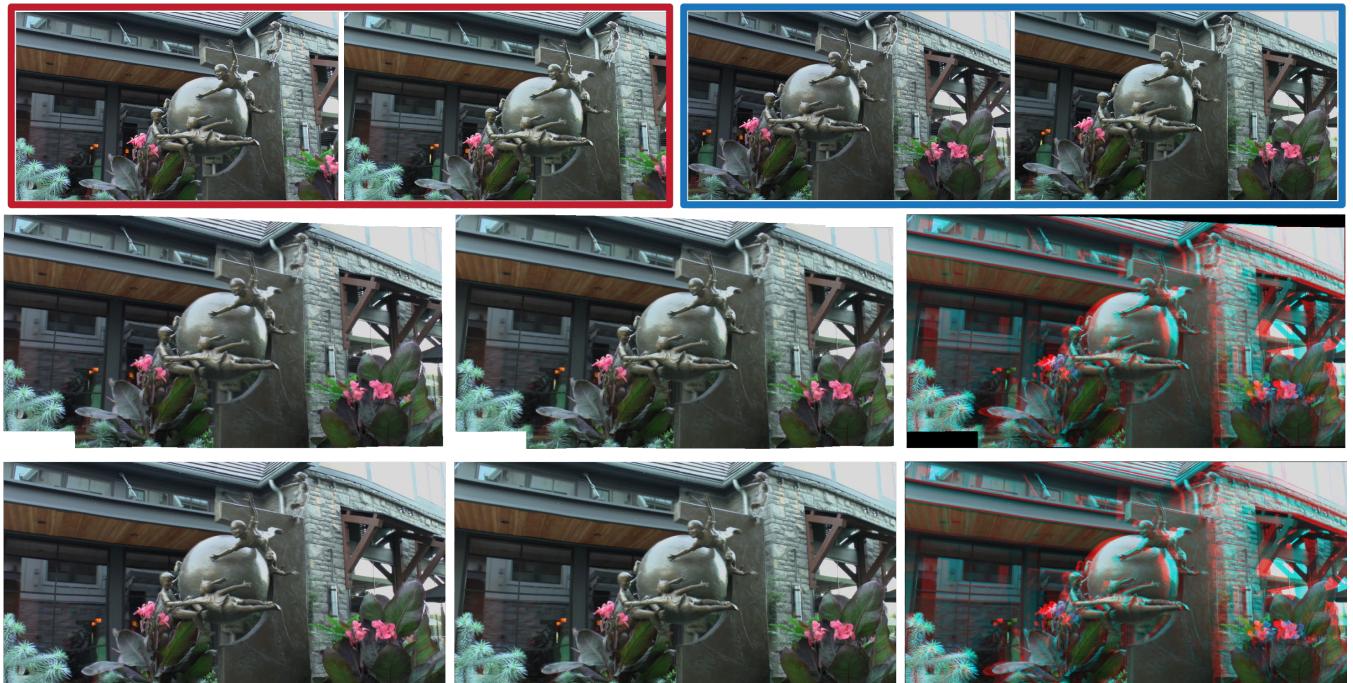


Figure 7: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching with the rectangular boundary (left, right and anaglyph views). Third row: stitching results obtained by our stitching with the rectangular boundary (left, right and anaglyph views).

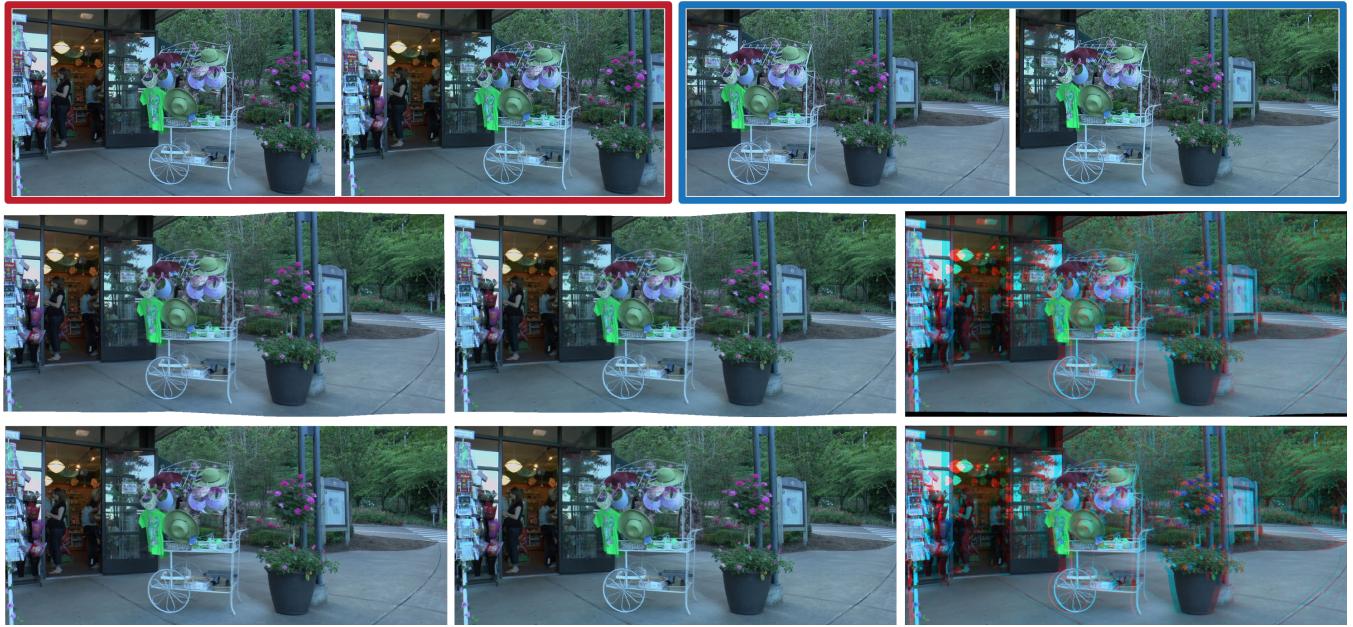


Figure 8: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).



Figure 9: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).



Figure 10: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).

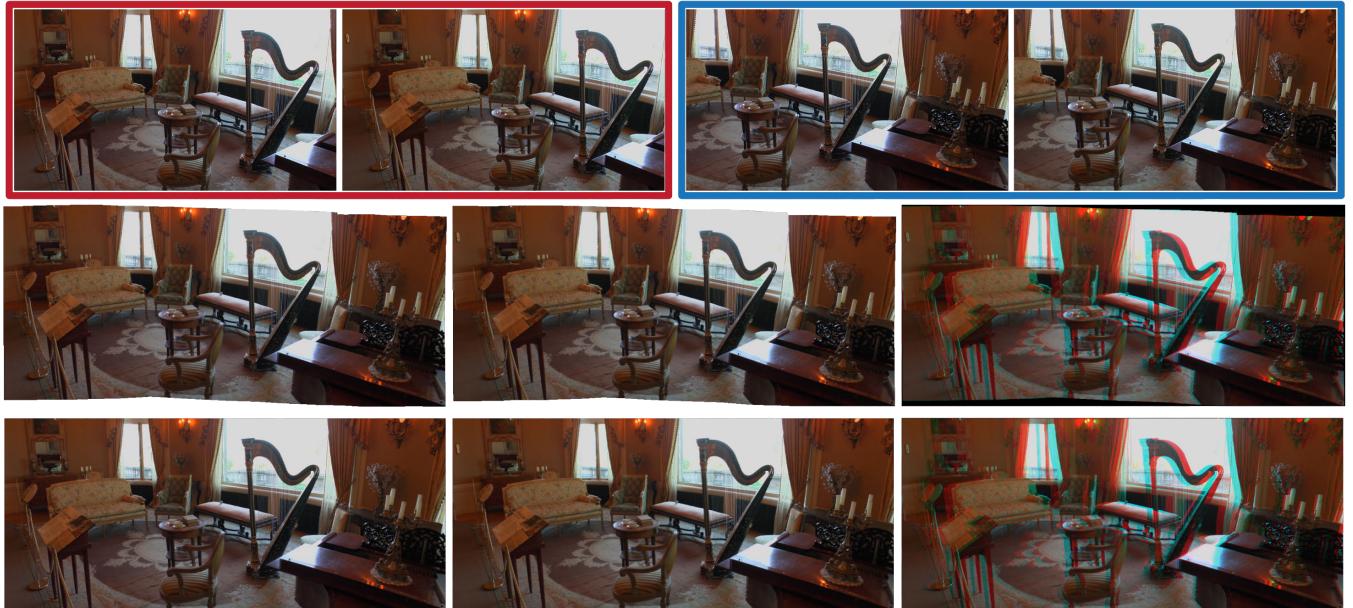


Figure 11: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our global stitching (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views).



Figure 12: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary and disparity adjustment (left, right and anaglyph views).

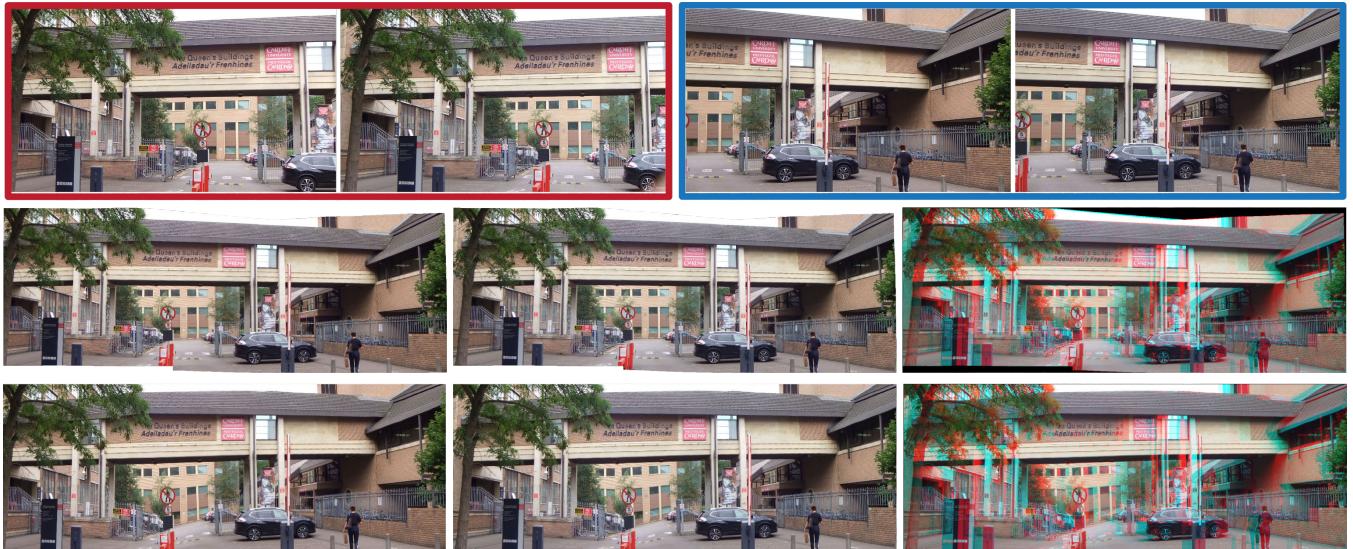


Figure 13: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary, which has noticeable distortion (left, right and anaglyph views).

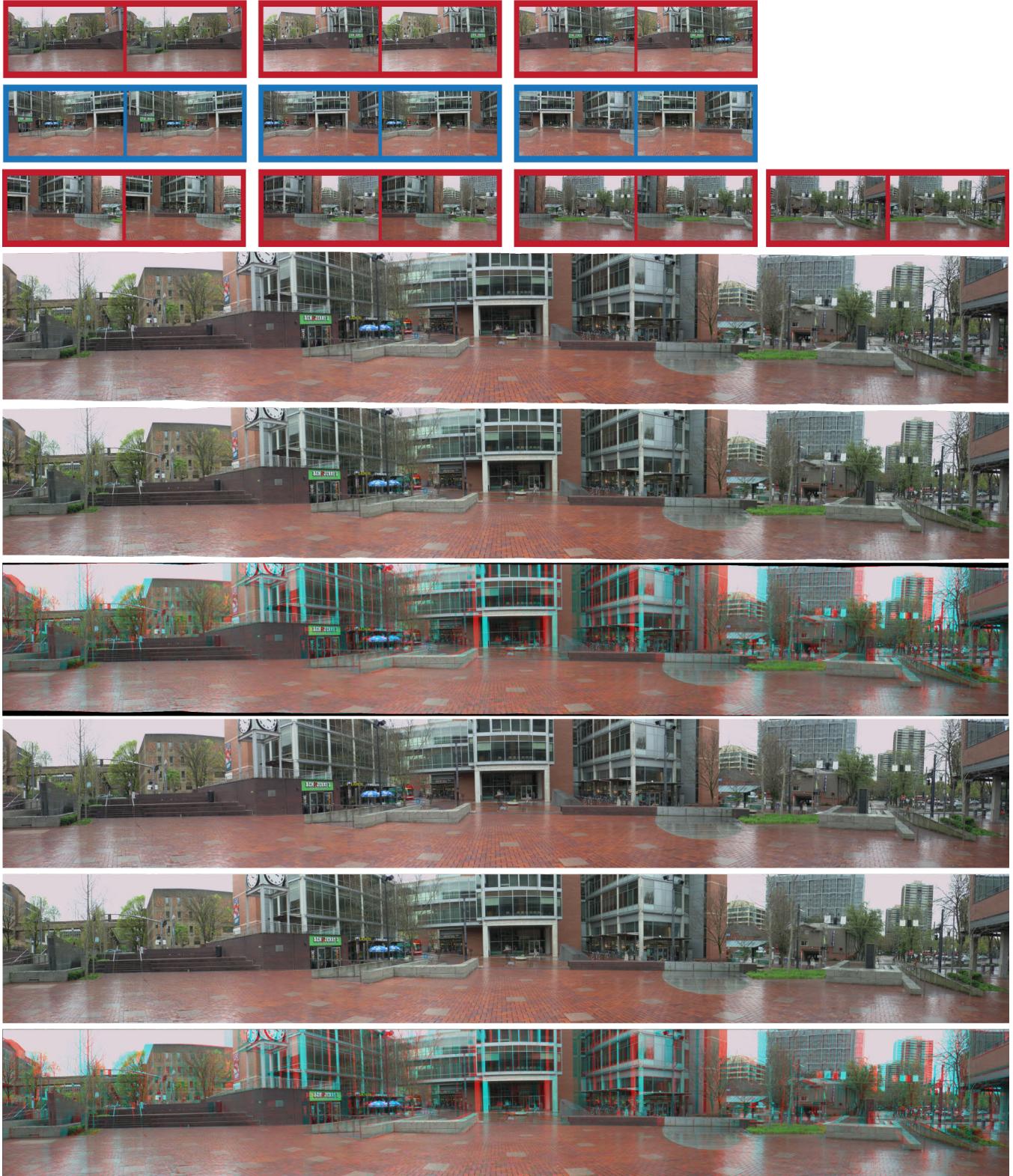


Figure 14: Stereoscopic stitching results. First row: input two stereoscopic images with left and right views. Second row: stitching results obtained by our stitching with rectangular boundary (left, right and anaglyph views). Third row: stitching results obtained by our stitching with rectangular boundary and disparity adjustment (left, right and anaglyph views).